Power to
tell stories.

EOS C100   4K EOS C500
EOS C300   4K EOS-1DC

CINEMA EOS

you can

Canon

Power to realise every creative vision

EOS C100

Great story telling demands the power to capture superb tonal accuracy, brilliant colour reproduction, subtle image adjustments and surprising angles and points of view, as well as digital files robust enough to survive extensive post-production. Canon's Cinema EOS System has that power.

4K EOS-1DC

4K EOS C500

Canon Cinema EOS System – a new era in filmmaking

Presenting the Cinema EOS system. A range of revolutionary cameras with Canon's EF mount or industry-standard PL mount, supporting resolutions up to 4K, and a family of Canon EF Cinema lenses designed specifically for filmmaking.

Canon's Cinema EOS system is the culmination of years spent studying the film and TV industry and its changing needs. To meet those needs our optical, electronic and mechanical engineers designed a new system, including a range of high performance cameras to empower the creativity of working cinematographers, whatever field they operate in.

The result is a system that provides resolution suitable for projection on the big screen, vibrant colour reproduction, and depth of field enabling beautiful blur (bokeh). A system that that fits stretched production budgets and offers unrivalled versatility plus limitless potential for growth – adding new lenses, camera bodies and enhanced shooting and editing features, as technology advances.

Creativity in Mind

Designed for cinematographers, the Cinema EOS system fuses Canon's proven video technology and lens heritage with EOS creativity.

Compact size; modular design; outstanding low light performance; high resolution imaging; wide dynamic range thanks to Canon Log Gamma.

These are some of the core concepts behind the design and technology of the Cinema EOS system, but all were chosen with the same goal in mind: helping filmmakers realise their vision and tell their story.

Whether it's shooting in a wider range of locations, with less lighting, in challenging high contrast situations, or simply carrying a smaller bag on the plane, the Cinema EOS system provides outstanding images without obstructing the creative process.

EOS C300

High Performance, Exceptional Quality

The technology behind Canon's Cinema EOS System is designed to simplify your shoot, increase your options, enhance your creativity, accelerate your project and lower costs.

EF and PL Mount cameras

For easy integration into the working style and equipment array of film crews and production houses, the Cinema EOS system offers powerful, modular camera bodies with two different lens mounts.

Canon EF lens mount cameras include the EOS C100, EOS C300, EOS C500 and the EOS-1D C. They are compatible with Canon's new series of Cinema lenses (EF mount) plus all of Canon's EF lenses – over 60 in all – including speciality Tilt-Shift, Macro and Fisheye.

Communication contacts built into the EF mount of the EOS C300 and EOS C500 allow lens functions such as focus and aperture to be adjusted wirelessly via the optional Canon Wireless File Transmitter WFT-E6.

The EOS C300 PL and EOS C500 PL have a PL mount and are compatible with Canon Cinema lenses (PL mount), as well as the majority of third-party optics available for 35mm motion picture cameras.

EOS C300 PL
with PL mount

EOS C300
with EF mount

Unrivalled technical heritage

The Cinema EOS System features a variety of unique Canon technologies, capitalising on decades of digital expertise in order to provide superb imaging performance.

4K

A range of video resolutions are commonly used today

4K capture is becoming increasingly prevalent in cinematic productions or high-quality TV shoots, providing more resolution to record the finest details and sharpest images. Two types of 4K exist: DCI (Digital Cinema Initiative) 4K and Quad Full HD 4K - 4096 x 2160 and 3840 x 2160 pixels respectively.

2K is widely used for cinema, drama and other TV genres, providing slightly more horizontal resolution than Full HD recording.
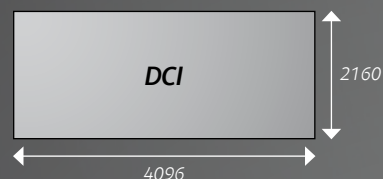
QFHD (Quad Full HD)
HD x 4 pixels: 3840 x 2160. This is a common format at the moment because it's possible to record with two HD recorders.

HD	HD
HD	HD

2160

3840

DCI 4K
Pixel count: 4096 x 2160. 4K format standardised by the Digital Cinema Initiative

DCI

2160

4096

Content is now regularly captured and delivered in Full HD (1920x1080) resolution throughout the industry.

The Cinema EOS system supports all of these resolutions, providing for the needs of filmmakers whatever genre they are working in.
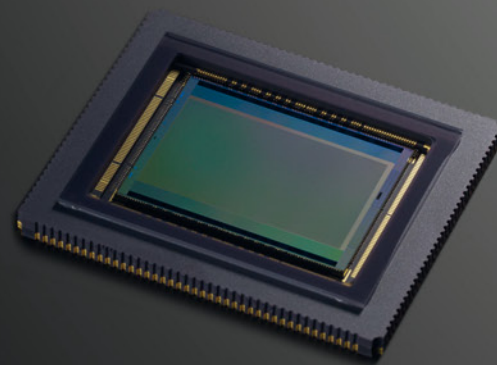
Seeing in the dark: high sensitivity, low noise Canon CMOS sensors

The EOS C100 and EOS C300/C300 PL feature a newly developed 8.3 Megapixel Super 35mm CMOS sensor designed and built by Canon, capable of providing three-channel RGB readout. The EOS C500/C500 PL has the same sensor but with 8.85 effective megapixels.
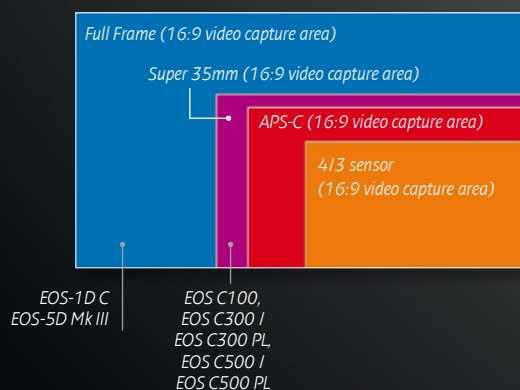
The superb low-light performance of these models is facilitated by larger pixels than those found on conventional professional cameras. Greater light-gathering capability allows for superb high-resolution images with enhanced sensitivity, reduced noise and impressive dynamic range even in minimal light. High performance image capture is possible at up to ISO20000.

The sensor in these cameras utilises Canon technology to reduce rolling shutter effects and power consumption, providing typical large sensor benefits such as beautifully shallow depth-of-field.

The EOS-1D C features an 18.1MP full frame CMOS sensor optimised for video, which can be cropped to record 4k, Full HD or super 35mm format as required. It produces exceptional low noise, high-resolution images across a huge ISO range of 100 to 25600 for movies.

CMOS sensor size comparison (not to scale)

Full Frame (16:9 video capture area)

Super 35mm (16:9 video capture area)

APS-C (16:9 video capture area)

4/3 sensor (16:9 video capture area)

EOS-1D C
EOS-5D Mk III

EOS C100,
EOS C300 /
EOS C300 PL,
EOS C500 /
EOS C500 PL

Canon DIGIC Image Processing

Canon's purpose-built DIGIC image processors deliver ultra-fast processing speeds for highly responsive camera operation together with the highest image quality. The DIGIC DV III Image Processor featured in the EOS C100, EOS C300/ C300 PL and EOS C500/500PL is the latest in Canon's DIGIC DV family, designed and optimised specifically for video capture.

The EOS-1D C features powerful and fast, advanced Dual "DIGIC 5+" processors for best-in-class image quality. A DIGIC 4 processor is dedicated solely to the camera's exposure metering system.

Canon Cinema EOS Range – ISO and Dynamic Range specifications (Canon Log, Progressive scan)

S/N Ratio	GAIN		18% GRAY	ISO
41dB	6.7 Stops	30dB	5.3 Stops	20000
45dB	6.7 Stops	26dB	5.3 Stops	12800
50dB	6.7 Stops	20dB	5.3 Stops	6400
53dB	6.7 Stops	14dB	5.3 Stops	3200
54dB	6.7 Stops	8dB	5.3 Stops	1600
54dB	6.7 Stops	2.5dB	5.3 Stops	850
54dB	6.8 Stops	2dB	5.2 Stops	800
54dB	6.8 Stops	0dB	4.9 Stops	640
54dB	7.8 Stops	-4dB	4.2 Stops	400
54dB	8.1 Stops	-6dB	3.9 Stops	320

Canon Log Base Sensitivity

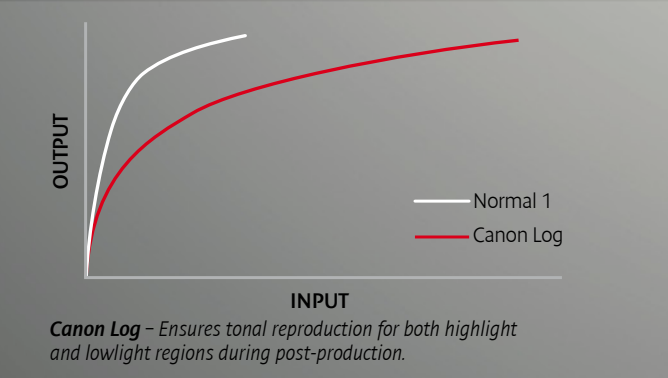*This chart only applies to C100, C300 and C500*

Canon Log Gamma – 800% Dynamic Range

Film has an extremely wide dynamic range; to achieve a truly film-like quality our Cinema EOS digital cameras were also designed to include built-in Canon Log Gamma. A method of storing data in a more efficient logarithmic, rather than linear fashion, it delivers neutral image quality and excellent tonal reproduction within both highlight and low light areas of a digital image, with none of the white and black clipping typical of video. The result is a mellow film-like tone that looks like it was actually captured using a film camera.

The Canon log format also offers maximum freedom in post production. As well as supporting high-quality log based video production using a PC-based desktop environment; it is also easily converted to industry standard Cineon 10 –bit log files for full-scale cinematic productions.

A Look-Up Table (LUT) applies a transform to a log signal to convert the neutral image into another colour space. LUTs are typically used for monitoring on set, or during the colour grading process.

LUTs for the EOS C300/C300 PL can be found at: *http://www.canon.co.uk/Support/ Consumer_Products/products/camcorders/ Digital/Digital_Cinema_Camera*

OUTPUT

INPUT

— Normal 1
— Canon Log

Canon Log – Ensures tonal reproduction for both highlight and lowlight regions during post-production.

Canon Log before colour grading

Canon Log after colour grading

Power to
tell stories

Camera and lens only

High resolution LCD

'Versatile and powerful, Cinema EOS System cameras are designed with filmmakers in mind. Every control you need is placed exactly where you expect it to be – in a package so compact, rugged and easy to use you can tell any story.

Small, lightweight, modular design

Cinema EOS system cameras are small and portable – ideal for handheld shooting in very small or unusual places that are impossible for larger cameras.

The EOS-1D C brings 4K recording and advanced video functions to a lightweight compact DSLR body. Other cameras in the range incorporate a unique modular design, giving you the chance to make them as small or as large as you wish.

Rugged and Durable

Cinema EOS system cameras run cool and clean and are designed to be tough and reliable in the studio or on location. Protective sealing prevents dust and water ingression, allowing filmmakers to work in a wide range of shooting conditions.

High resolution LCD for easy operation

For easy operation and monitoring, cameras feature a high resolution LCD. The EOS C300/ C300 PL and EOS C500/C500 PL both have a rotatable 10.1cm (4") backlit monitor and control panel that can be mounted directly on the camera body or the handle unit for operation from any angle and offers assist functions such as magnification, peaking and an edge monitor.

The entry level EOS C100 has an 8.8cm (3.5") LCD offering 100% field of view, while the EOS-1D C has a slightly smaller 8.1cm (3.2") screen that reflects its compact size.

Without monitor unit

With monitor unit and top handle

With monitor unit and side handle

Professional Audio Controls

Professional standard audio controls feature on the EOS C100, EOS C300/ C300 PL and EOS C500/C500 PL. They include inputs with options for Line, Mic and +48V phantom power, plus 3.5mm microphone and headphone terminals. Audio is recorded uncompressed in 16-bit LPCM format at 48 kHz for high fidelity sound. The EOS C100 also offers Dolby AC3 audio recording and features a stereo microphone built into the detachable handle.

Remote control shooting

Shooting can be controlled remotely in a variety of ways, depending on the camera and the needs of your production.

EOS C300/300PL and EOS C500/C500 PL can be controlled wirelessly using Canon's optional Wireless File Transmitter WFT-E6. No special software is required - simply use a common web browser from up to 150 metres away.

A variety of controls and readouts are available. You can start and stop recording, adjust white balance, gain and other settings as well as control the focus and aperture of Canon EF lenses (EOS C300 and EOS C500 only).

Wired remote control is also possible for these cameras and for EOS C100, using a standard 2.5mm Remote input terminal.

The EOS-1D C can be controlled remotely via ethernet or USB, using the supplied EOS Utility software.
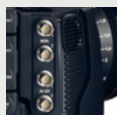

Wireless File Transmitter WFT-E6

Wireless Controller

Freedom to create

> Whatever you're shooting, the EOS Cinema System is designed to deliver. The only limit to your creativity is your imagination.

Options for different productions

The Cinema EOS system offers a variety of recording options to suit different shooting situations, from RAW image capture, suitable for extensive colour grading to 50Mbps MXF recording for Full HD broadcast.

Recording Modes

The Cinema EOS system is a truly global tool. Offering a range of frame rates from 23.98P to 59.94P, you can shoot in the most appropriate format for each customer with flawless results every time.

Terminals

For accurate file transfer, great audio recording and communication during multi-camera shoots, the EOS C300/ C300 PL and EOS C500/C500 PL have all the right terminals. In addition the EOS C500/C500 PL has SDI outputs to record 4K or RAW footage to an external recorder and connect to an external monitor.

Black Balance Adjustment

The EOS C100, EOS C300/ C300 PL and EOS C500/C500 PL allow easy black balance adjustment, if black in the video signal shifts out of alignment. A simple process with the body cap on the camera, this is especially useful when there's a lot of moving around on set or a change of location.

Custom Pictures

To achieve the look and feel you want in less time during post-production, the EOS C100, EOS C300/ C300 PL and EOS C500/C500 PL are highly customisable, letting you adjust a wide range of variables including gamma, knee, colour matrix, sharpness, noise reduction and more - and store as Custom Picture profiles in-camera, or on SD card for easy setup of multiple cameras.

Card Slots

Video files are recorded internally to memory cards in dual card slots. The EOS C300/ C300 PL, EOS C500/C500 PL and EOS-1D C all record to Compact Flash memory cards, which are both affordable and widely available, as well as robust and fast enough for professional use. The compact, entry level EOS C100 records to SHDC or SDXC memory cards.

Fast Motion, Slow Motion

For more creative possibilities you can use the EOS C300/ C300 PL and the EOS C500/C500 PL to record high-speed action or slow down motion. The EOS C500/C500 PL can output footage at up to 120P in 4K or 2K modes (compatible external recorder required). For amazing time-lapse photography you can also programme them to record a set number of frames at defined intervals – and their frame recording feature is perfect for stop-frame animation.

One system – unparalleled creativity

Canon's Cinema EOS System offers unparalleled creative options for professional filmmakers, cinematographers and videographers. It spans Digital Cinema Cameras, EF and PL Mount Lenses and DSLR cameras, and merges several of Canon's existing technologies to produce a superb filmmaking system.

EOS C100

The **EOS C100** is the entry level camera in the Cinema EOS system and available with an EF mount only. It is designed to meet the needs of individual operators such as high-end wedding and corporate video producers.

FULL HD **AVCHD**

EOS C300
EOS C300 PL

The **EOS C300/ C300 PL** – the first camera released in the Cinema EOS range – is a compact modular, highly versatile camera, in EF and PL mount versions, for demanding professional filmmakers shooting movies, documentaries, TV and commercial video.

FULL HD **MPEG-2 4:2:2**

4K EOS C500
4K EOS C500 PL

EOS C500/C500 PL cameras offer all the advantages of the EOS C300/ C300 PL plus next-generation 4K and 2K resolution video, with RAW output during 4K shooting. They are ideal for motion pictures and other high-quality productions.

FULL HD **MPEG-2 4:2:2**
4K **2K**

4K EOS-1D C

The **EOS-1D C** is a DSLR offering 4k movie recording and advanced video including Canon Log Gamma and clean HDMI output. Perfect for multi-media journalists and documentary makers.

FULL HD **EOS Movie**
4K **MJPEG 4K RECORDING**

Together with an unprecedented range of compatible lenses – including Canon's range of Cinema lenses and over 60 EF lenses – these cameras have the power to tell stories.

Versatile, compact storytelling

EOS C100

For filmmakers wishing to upgrade from capture on DSLR, the EOS C100 is the ideal video production camera, offering a unique combination of professional HD imaging, compact design and lens versatility.

The EOS C100 shares many features in common with the successful EOS C300 camera. It offers the same advanced Super 35mm sensor technology for high sensitivity, low noise Images, built in Canon Log Gamma and compatibility with the full range of EF mount lenses, including EF-S and Cine lens EF mount models.

At around 15% smaller than the EOS C300, the EOS C100 is ideally configured for single person use, with functions such as 1-touch auto iris, 1-shot auto focus and auto white balance. Full manual control over exposure and focus is also available when required.

The modular design includes a removable side grip. The top handle is also demountable and provides stereo on-board microphones and external XLR connections for professional audio recording.

8.3MP Super 35mm Canon CMOS sensor optimised for high-quality Full HD imaging

High sensitivity: low noise images up to ISO20000

24Mbps AVCHD recording (4:2:0) to 2 SDHC/SDXC cards; Live HDMI output with embedded timecode

Built-in Canon Log Gamma for maximum freedom in post production

Huge range of interchangeable lenses via EF mount; 3 built-in ND filters

Highly compact, lightweight modular design

One-Shot Auto focus and Auto Iris. Focus assist function

Professional LPCM or Dolby AC3 audio recording; 2 XLR inputs and stereo microphone

Broad NLE support for seamless integration with existing workflows

Exclusive support from Canon Professional Services

EOS C300
EOS C300 PL

Leave no story untold

EOS C300 and C300 PL Digital Cine Cameras fuse Canon's proven video technology and lens heritage with the creativity of the EOS system. With a choice of EF or PL Mount models they give filmmakers the flexibility to tell every story.

This highly versatile camera is ideal for a wide spectrum of demanding professional filmmakers – from movie directors to documentary makers, major television channels to commercial makers, and more.

Sophisticated Canon camera technologies, an industry standard MPEG-2 MXF 4:2:2 codec and extensive customisation options deliver top quality imaging performance, whilst multi-camera connectivity provides straightforward integration into studio environments. A range of recording modes and compatibility with all of the major NLE software packages ensures straightforward workflow integration.

8.3MP Super 35mm Canon CMOS sensor optimised for high-quality Full HD imaging

Interchangeable lenses via industry-standard PL lens mount or EF mount; 3 built-in ND filters

Compact, modular design. Lightweight: 1669g basic setup (body only)

Broadcast-ready 50Mbps MPEG-2 MXF recording (4:2:2) to 2 CF cards. Industry-standard outputs including HD-SDI

High sensitivity: low noise images at up to ISO20000

Extensive image customisation, including built-in Canon Log Gamma

Robust, splash-resistant body with magnesium alloy components

PAL, NTSC, and 24.00p modes as standard. Slow/fast motion, adjustable in 1fps steps

Wi-Fi remote capability

Seamless integration with existing workflows

Raw Power:
4K RAW, 2K, 120P,
Canon Log Gamma

Ideal for both motion picture and high resolution digital production industries, the EOS C500 and C500 PL offer all the advantages of the EOS C300/ C300 PL plus next-generation 4K-resolution video capture and RAW data output to an external device – for exceptional video results without any loss in quality.

The camera's uncompressed 4K output unleashes the full potential of Canon's premium range of EF Cinema lenses, combining with Canon Log Gamma to deliver the high-resolution video and wide exposure latitude that many cinematographers desire.

12-bit RGB 4:4:4 sampling during 2K (2048x1080 pixels) video capture delivers rich colour and high compatibility with image processes such as chroma key compositing. Support for frame rates up to 120p in both 4K and 2K modes provides enhanced creative flexibility, enabling high-speed (slow motion) video capture in high resolution.

A Full HD MXF backup or proxy file can be recorded to CF cards simultaneously with 4K/2K output to a suitable external device, helping to reduce the time and processing power required during editing.

4K RAW, 2K video capture to external recording device with simultaneous HD recording to CF cards

8.85MP Super 35mm Canon CMOS sensor with Bayer Array filter

Interchangeable lenses via industry-standard PL lens mount or EF mount; 3 built-in ND filters

PAL, NTSC, and 24.00p modes as standard. Slow/fast motion, adjustable frame rates up to 120p

Extensive image customisation includes built-in Canon Log Gamma

High sensitivity: low noise images up to ISO20000

Broadcast-ready 50Mbps MPEG-2 MXF recording (4:2:2) to 2 CF cards

Compact, modular and lightweight

Wi-Fi remote control

Integrates with existing workflows

Superb 4k movies, stunning stills, one camera

The most technically advanced EOS DSLR ever made by Canon, it is compatible with both Canon's EF mount range of interchangeable lenses for SLRs and Canon EF mount Cinema Lenses.

A revolutionary multimedia camera that excels at both stills and movie shooting, the EOS-1D C brings 4k movies and advanced video functions like Canon Log Gamma to a compact high performance DSLR body.

Designed to appeal to a wide spectrum of demanding professional filmmakers – from documentary filmmakers to commercial makers – it also offers superb still image shooting capabilities thanks to its 18.1 megapixel Full Frame CMOS sensor. The sensor can be cropped in camera to meet the requirements of Full HD, super 35mm or 4K video capture – making it the ideal choice for photographers who desire a potent combination of high-quality stills and movie capabilities for multimedia productions.

4k movie capture - 24fps 8bit 4.2.2 MJPEG recording to 2 CF cards

Advanced video functions: 1080p video at 50/60fps, custom control and built-in Canon Log Gamma

Uncompressed HDMI output at Full HD 8bit 4.2.2

18.1 Megapixel Full Frame CMOS sensor

Up to 12fps continuous stills shooting with 14fps super high-speed mode

61 point AF system with 41 cross and 5 dual cross type sensors

High sensitivity: low noise images from 100-25600 ISO for movies

Dual DIGIC 5+ high-speed processors for superb image quality

Clear View II 8.1cm (3.2") 1040k dot LCD with reflection prevention construction

Compatible with all Canon EF lenses and EF cine lenses

Cinema Lenses –
Power to stimulate
creative expression

Exclusively designed to capture your creative vision, Canon's range of 4K EF Cinema Lenses includes wide-angle and telephoto lenses, including compact zooms, for EF and PL Mounts and single-focal-lenses for EF Mounts. Reliable and robust with a host of advanced features, they deliver exceptional image quality and usability.

Superb Performance for Exceptional Results

Aspherical lens elements ensure sharp, consistent images in virtually every shooting situation. Anomalous dispersion glass reduces chromatic aberrations and the 11-blade aperture diaphragms ensure beautiful bokeh – while innovative glass construction counteracts barrel expansion and contraction to avoid temperature-induced marking discrepancies. On zoom lenses geared inner focusing reduces the focus breathing point.

Uncompromising Design for Working Professionals

Angled markings on both sides of the barrel make it easy to read focus and aperture settings from behind or either side of the camera. Industry standard manual control rings maintain the proper amount of resistance with consistent operating torque. Zoom lenses include a covered flangeback adjustment mechanism. Lenses also share uniform gear position, diameter and rotation angle as well as front lens diameters, for quick lens changes without adjustment of the rig setup.

Top-end Zoom Lenses

Canon Cinema zoom lenses offer extraordinary 4K image reproduction for demanding high-end productions. Available in EF and PL mount configurations they feature fluorite, aspherical lens elements and advanced optical design.

Top-end zoom lenses:

CN-E30-300mm T2.95-3.7 L S (EF mount)

CN-E30-300mm T2.95-3.7 L SP (PL mount)

CN-E14.5-60mm T2.6 L S (EF mount)

CN-E14.5-60mm T2.6 L SP (PL mount)

Compact Zoom Lenses

The lightweight range of compact Cinema zoom lenses allows you to realise the full potential of Cinema EOS camera. Ideal for handheld and shoulder shooting they are comfortable to carry, fit into spaces impossible for larger cameras and combine high performance and responsive manual operation with excellent mobility. The range offers compact zooms in both EF and PL mount versions.

Compact zoom lenses:

CN-E30-105mm T2.8 L S (EF mount)

CN-E30-105mm T2.8 L SP (PL mount)

CN-E15.5-47mm T2.8 L S (EF mount)

CN-E15.5-47mm T2.8 L SP (PL mount)

Prime Lenses

The brilliant series of EF Cinema prime lenses offer spectacular 4K-image quality and a full frame image circle, in lightweight, compact designs. Three models for EF mount cameras – CN-E24mm T1.5 L F, CN-E50mm T1.3 L F, and CN-E85mm T1.3 L F – offer consistent form factors and marking optimised for motion picture production. 11-blade aperture diaphragms, fast t-stops and proven Canon lens elements deliver exceptional results.

Additional cinema lenses are already under development, reflecting Canon's commitment to offer the broadest range of professional cinema lenses to meet your needs, now and in the future.

Prime lenses:

CN-E85mm T1.3 L F

CN-E50mm T1.3 L F

CN-E24mm T1.5 L F

EF Lenses for Cinema EOS – Power to leave no story untold

Compatibility with Canon's renowned EF Lenses opens up a world of creative opportunities. Perfected in Canon laboratories, tried and tested by the finest still photographers, they offer the accuracy, clarity and optical brilliance to capture the subtlety of every scene and add a new perspective to your creative vision.

EF Lenses for Cinema EOS

Canon's EF lenses offer one of the finest and most comprehensive lens line-ups available to cinematographers and videographers. Compatible with the EF mount of EOS Cinema System cameras, the range includes over 60 prime and zoom lenses in a variety of configurations – from our flagship zooms to compact fixed focal length lenses. Many EF lenses support Canon's advanced Peripheral Illumination Correction feature, which renders beautiful consistent colour and brightness across the entire image plane.

L-Series Lenses – deliver uncompromising optical performance in specialised situations. With innovative Canon technologies such as Ultra-low Dispersion (UD) glass, fluorite and aspherical elements, and Super Spectra Multi Coating, these speciality lenses are the choice of serious photographers and videographers across the globe.

EF Speciality Lenses

Canon EF speciality lenses open up a wealth of new creative possibilities to expand your creative expression including:

Macro Lenses – reveal the finest detail and achieve extraordinary edge-to-edge accuracy at very shallow depth-of-field. Canon's superb range includes six ultra-precise macro lenses and three screw-on close-up lenses, plus a Life-Size Converter EF and two Extension Tube accessories.

Tilt-Shift Lenses – incorporate tilt and shift movement capabilities to bring the shooting advantages of technical view cameras to the EOS system.

Fisheye and Fisheye Zoom Lenses – for super wide-angle and special effects photography. Canon's fisheye zoom lens, the EF 8–15mm f/4L Fisheye USM, creates circular images with a 180° angle of view on full-frame DSLRs, while the Canon EF 15mm f/2.8 Fisheye lens can focus as close as 8 inches (0.2m) for exceptionally sharp images.

In post-production – working the way you do

> With Canon's Cinema EOS System digital workflow is simple and seamless. It integrates with file-based standards, can match the exact frame rates of film cameras, offers plug-ins for leading NLE programs and adds every essential professional facility.

Accommodating File-Based Production

EOS C100

EOS C100: 24Mbps MPEG-4 AVCHD /H.264 (4:2:0) codec to SDXC/SDHC cards. Supplied with Data Transfer Utility*

EOS C300
EOS C300 PL

EOS C300/ C300 PL: MXF format, MPEG -2, 4:2:2 50Mbps Long GOP codec to CF cards. Supplied with XF Utility and Canon MXF plug-ins for Apple Final Cut Pro and Avid Media Composer.

4K EOS C500
4K EOS C500 PL

EOS C500/C500 PL: uncompressed 2k, 4K output to external recorder. MXF format, MPEG -2, 4:2:2 50Mbps Long GOP codec to CF cards. Supplied with Cinema Raw Development software*, XF Utility and Canon MXF plug-ins for Apple Final Cut Pro and Avid Media Composer.

4K EOS-1DC

EOS 1 DC: 4K MJPEG (4:2:2) or Full HD H.264 (4:2:0) recording to CF card. Supplied with EOS Utility and 4K playback software*.

Perfect for Mixed Shoot Editing

If your Cinema EOS camera is used on a primarily film-based shoot, your footage can integrate smoothly with existing workflows. The tremendous dynamic range of Canon Log Gamma is easily converted to industry standard 10-bit Cineon (.cin) Log format and the 24.00p mode matches the exact frame rates of film cameras, so there's no need for time-consuming frame-rate conversion.

Non-Linear Editing Integration

Files can be imported directly from memory cards to Non Linear Editing (NLE) programs, using Canon software plug-ins where required. Plug-ins are supplied for Apple Final Cut Pro and Avid Media Composer, but are not required for NLE systems from Adobe and Grass Valley.

EOS C500 4K Production Workflow
(Simplified Generic Workflow)

SHOOTING | **POST-PRODUCTION**

3G-SDI
3G-SDI

3rd Party Digital Recorder
- Playback
- Restore Canon RAW Data Stream

COLOUR GRADING

3rd Party Digital Recorder
- Convert Canon RAW DATA Stream to Recorder File Format
- Record

Develop and Transcode (PC / Mac)
Canon Developing Application Software
- RAW Processing
- De-Bayer
- Process RGB Files to DPX or Open EXR & Create Proxy

DPX or
Open EXR (4K)
Proxy (HD)

EDL

OFFLINE EDITING

HD Proxy | HD 4:2:2 50Mbps MPEG2

EOS-1D C 4K / HD Production Workflow
(Simplified Generic Workflow)

SHOOTING | **POST-PRODUCTION**

4K 24p Motion JPEG or Full HD@ 60p/50p/25p/24p MPEG-4 h.264

COLOUR GRADING

HDMI Output

1920 x 1080 HD

Transcode (PC / Mac)

Alternative industry formats

Transcoded Signal (if required)

EDL

Alternative Recording
3rd Party Digital Recorder

OFFLINE EDITING

1920 x 1080 Proxy Video

EOS C300 / C500 HD Production Workflow
(Simplified Generic Workflow)

SHOOTING | **POST-PRODUCTION**

No Plug-in required for some NLE Packages

High Bitrate to External Recorder

Back-up / Archive

Import files via XF Utility | PLUG-IN For AVID/FCP | EDIT | OUTPUT

CF Card

Colour Grade

CF Card

Offline edit | EDL

Simultaneous recording

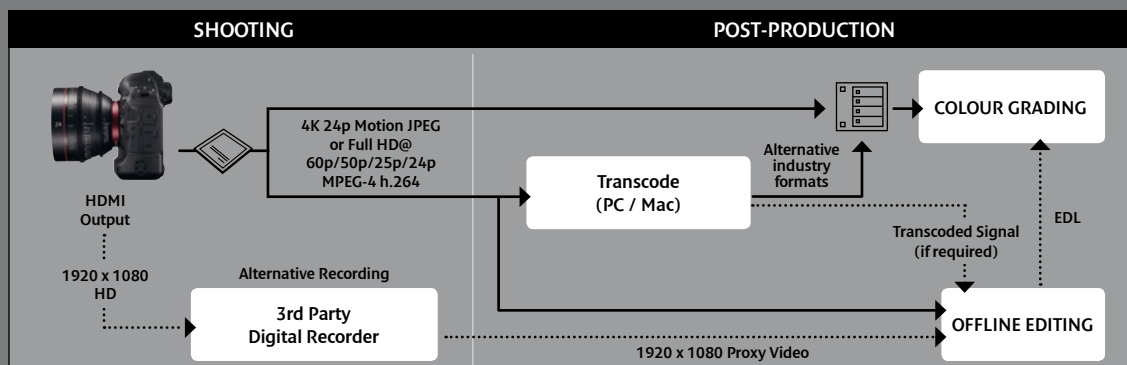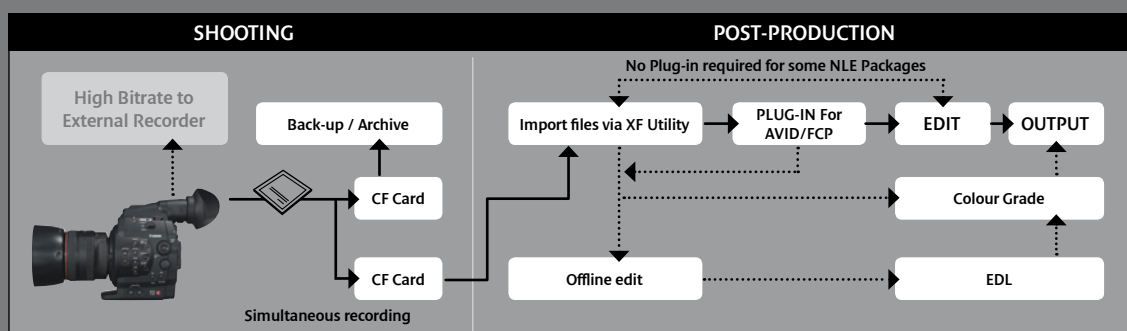## EOS C100 AVCHD Production Workflow
(Simplified Generic Workflow)

SHOOTING | **POST-PRODUCTION**

High Bitrate to External Recorder

Back-up / Archive

Import files via Data Import Utility | EDIT | OUTPUT

SD Card

Colour Grade

SD Card

Offline edit | EDL

Simultaneous recording
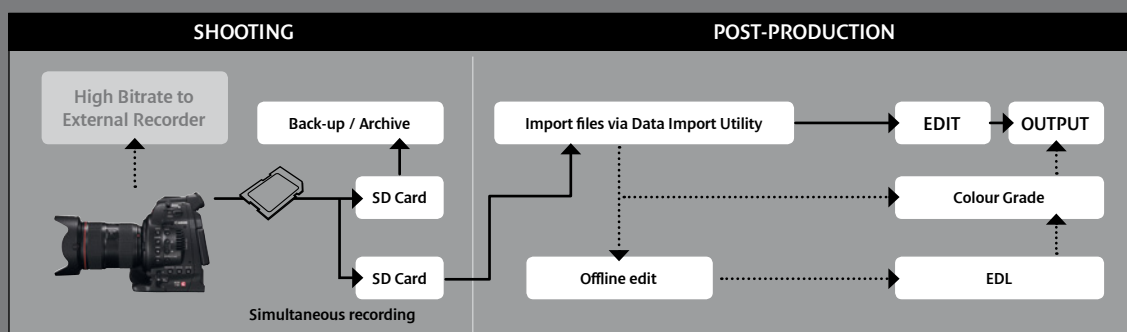
Standard Workflow ⟶   Alternative Workflow ⋯⋯⟶

Supplied Canon software includes:

XF Utility – A file management program that doesn't require extensive training. Back-up, archive and review your clips, edit metadata, merge files and update file names.

Data Import Utility* – A simple tool designed for easy copying of files recorded on EOS C100 to a computer.

Cinema Raw Development software* – A tool to process RAW footage from EOS C500/C500 PL, converting it into a format that can be viewed, edited and colour graded.

EOS Utility – Control selected camera functions remotely via USB, Wi-Fi or ethernet interfaces.

4K playback software* – Review 4K movies shot using the EOS-1D C camera.

Software names and supplied configurations may change. Please check with your local Canon dealer.

Cinema EOS Range Comparison Chart

	EOS C100	EOS C300 / EOS C300 PL	EOS C500 / EOS C500 PL	EOS-1DC
Sensor Size	Super 35mm CMOS, 8.3MP	Super 35mm CMOS, 8.3MP	Super 35mm CMOS, 8.85MP	Full frame 35mm CMOS, 18.1MP
Internal Recording Format	AVCHD (Full HD, 4:2:0, 8-bit)	MXF, MPEG-2 Long GOP (Full HD, 4:2:2, 8-bit)	MXF, MPEG-2 Long GOP (Full HD, 4:2:2, 8-bit)	4K: MJPEG (4:2:2, 8-bit) HD/SD: MPEG-4 AVC/H.264 intra- or inter-frame (4:2:0 8-bit)
Max internal recording bit rate	24 Mbps	50 Mbps	50 Mbps	–
Recording Media	2x SDHC/SDXC card (simultaneous recording possible)	2x CF Card (simultaneous recording possible)	2x CF Card (simultaneous recording possible)	2x CF Card
Output Signal Options for External Recording	Full HD: 4:2:2, 8-bit	Full HD: 4:2:2, 8-bit	4K: RAW/HRAW, 10-bit. 2K: RGB 4:4:4, 12-bit. RGB 4:4:4, 10-bit. YCC 4:2:2, 10-bit Full HD: 4:2:2, 8-bit	Full HD: 4:2:2, 8-bit
Audio	48kHz Linear PCM (24Mbps mode only); Dolby Digital AC3	48kHz Linear PCM	48kHz Linear PCM	48kHz Linear PCM
Built-in Microphone	YES (stereo mic in handle unit)	NO	NO	YES (mono)
Lens Mount Option	EF mount only	C300: EF / C300 PL: PL	C500: EF / C500 PL: PL	EF Mount only
Built-in ND Filter	Yes. 2/4/6 stops. Manual control	Yes. 2/4/6 stops. Electronic control	Yes. 2/4/6 stops. Electronic control	NO
Custom Picture Settings	9, including Canon Log Gamma and Wide Dynamic Range	8, including Canon Log Gamma	8, including Canon Log Gamma	9 Picture Styles; Canon Log Gamma
ISO Range	320 - 20000	320 - 20000	320 - 20000	100 - 25600 (video)
Automatic Functions	One-Push Auto Iris; One-Shot AF; Auto Audio Level; Auto white balance.	NO	NO	AF
Available Frame Rates	**1920 x 1080:** 60i, 50i, PF30, PF25, PF24, 24p	**1920 x 1080:** 59.94i, 50i, 29.97p, 25p, 24.00p, 23.98p; **1280 x 720:** 59.94p, 50p, 29.97p, 25p, 24.00p, 23.98p; **1440 x 1080:** 59.94i, 50i, 29.97p, 25p, 23.98p.	**4K/2K:** 59.94p, 50p, 29.97p, 25p, 24.00p, 23.98p; **1920 x 1080:** 59.94i, 50i, 29.97p, 25p, 24.00p, 23.98p; **1280 x 720:** 59.94p, 50p, 29.97p, 25p, 24.00p, 23.98p; **1440 x 1080:** 59.94i, 50i, 29.97p, 25p, 23.98p.	**4K:** 23.976 fps **1920 x 1080:** 59.94p, 50p, 29.97p, 25p, 23.976p **1280 x 720:** 59.94p, 50p **640 x 480:** 25p, 30p
Slow/Fast Motion	NO	YES, up to 60p to CF card (1280 x 720)	YES, up to 120P to compatible external recorder (4K HRAW / 2K 4:2:2)	NO
LCD	8.8cm, 920k dots	10.1cm, 1.23m dots	10.1cm, 1.23m dots	8.11cm 1.04m dots
EVF	0.61cm, 1.56m dots	1.3cm, 1.55m dots	1.3cm, 1.55m dots	–
Terminals				
HD-SDI	NO	YES (x1, output only)	YES (2x 3G HD-SDI; 1x HD/SD-SDI; all output only)	NO
HDMI	YES (output only, embedded timecode)	YES (output only)	YES (output only)	YES (mini terminal, embedded timecode, output only)
Genlock	NO	YES	YES	NO
Timecode	YES (embedded in HDMI signal)	YES (in/out switchable)	YES (in/out switchable)	YES (embedded in HDMI signal)
Monitor	NO	YES (1x SD, video output only via BNC)	YES (2x 2K, 1x SD, video output only via BNC)	Yes (USB, output only)
Sync	NO	YES	YES	NO
Mic	YES	YES	YES	YES
Headphone	YES	YES	YES	YES
XLR audio	YES (x2)	YES (x2)	YES (x2)	NO
USB	YES (output only)	NO	NO	YES
Wifi	NO	YES (optional accessory)	YES (optional accessory)	YES (optional accessory)
Ethernet	NO	NO	NO	YES
Remote control	Wired input	Wired via Remote terminal; Wireless via WFT-E6 (optional)	Wired via Remote terminal; Wireless via WFT-E6 (optional)	Wired via USB or Ethernet terminals

Specifications

EOS C100 – compatible with Canon EF and EF Cinema Lenses

CAMERA	
Image Sensor	
Sensor	Super35mm type CMOS
System	RGB primary colour filter (Bayer array)
Total pixels per sensor	9.84 megapixels
Effective pixels per sensor	8.29 megapixels
Minimum illumination	NTSC Mode 0.3 Lux [F1.2 lens, 24 dB, 29.97P mode, shutter speed 1/30], PAL Mode 0.25 Lux [F1.2 lens, 24 dB, 25.00P mode, shutter speed 1/25]
Sensitivity	NTSC: F9 [1920x1080/59.94i, ISO640 (0dB), 2000 Lux, 89.9% reflection], PAL: F10 [1920x1080/50.00i, ISO640 (0dB), 2000 Lux, 89.9% reflection
S/N Ratio	NTSC: 54dB (Typical) [1920x1080/29.97P, Canon Log base sensitivity ISO850 (Dynamic range 800%)], PAL: 54dB (Typical) [1920x1080/25.00P, Canon Log base sensitivity ISO850 (Dynamic range 800%)]
Dynamic Range	During normal shooting: 300% With Canon Log Gamma: 800% (ISO 850 or above/gain 2.5 dB or more)
Horizontal Resolution	Up to 1000 TV lines or more (1920 x 1080i mode), depends on lens used.
Lens	
Lens mount	Canon EF mount, including EF-S and EF Cinema lens
Focal length	Equivalent to 1.53x the focal length of EF lenses; As indicated for EF-S lenses and Canon cine lenses
Peripheral illumination correction	YES (dependent on lens used)
ND filter	4 glass filters in camera body: Off, 2 stops; 4 stops; 6 stops. Operate via dial on body.
Focus control	Via lens or by using ONE-SHOT AF mode.
Iris control	Via body, grip, remote control or Push Auto Iris control. 1/2-stop, 1/3-stop or FINE control. Possible to maintain constant F-number during zoom.
Image stabilization system	Depends on lens used
Image Processor	
Type	DIGIC DV III

RECORDING	
Video storage media	SD/SDHC/SDXC card (2 card slots)
Recording time	64GB SD card: up to 5 hours, 55 minutes. (1920 x 1080 @24Mbps VBR)
Recording file format	AVCHD
Recording format	MPEG-4 AVC/H.265 24 Mbps LPCM VBR (4:2:0); 24 Mbps VBR (4:2:0); 17 Mbps VBR (4:2:0); 7 Mbps VBR (4:2:0) (1440 x 1080);
Recording frame rate	59.94 Hz mode (NTSC): 60i/PF30/pf24/24p 50.00 z mode (PAL)50i/PF25. Note: PF records images by converting them into 60i or 50i
Slow/Fast motion	NO
Interval Record	NO
Frame Record	NO
Pre Record (cache record)	YES (3 seconds)
Relay Recording	YES
Double Slot (simultaneous) Recording	YES
Scan Reverse	YES. Both, verical or horizontal mode.
HD->SD conversion	YES MPEG-2, 9 Mbps. HD -SD conversion not possible for recordings in 24P or to same memory card
Internal Data Transfer	Clips Yes (SD card to SD card)
Photo storage media	SD/SDHC memory card
Still quality	During video recording: 1920 x 1080; During playback: 1920x1080

SYSTEM	
LCD	
Size	8.8 cm (3.5"), 100% view
Dots	922,000
Image quality adjustments	Brightness, contrast, colour, sharpness, backlight, black & white
Adjustable	Up/down/left/right according to camera configuration
Waveform Monitor	Waveform Monitor
Focus Assist	Peaking; Magnifying; Edge Monitor (using waveform display)
Peaking	Peaking 1, Peaking 2 (Colour, Gain, Frequency customisable for each)
Zebra	Level 1; Level 2; Both Output via HD-SDI or HDMI
Markers	On/Off (Aspect ratio, Aspect marker, Safety Zone Area, Safety Zone, Grid, Horizontal, Centre)
EVF	
Size	0.61cm (0.24")
Dots	1.555 million
Image quality adjustments	Brightness, contrast, colour, sharpness, backlight, black & white
Adjustable	Not possible
Correction lens	+ 2.0 to -5.5 diopters
Inputs/Outputs	
Audio in	XLR inputs with 48V phantom power (x2), 3.5mm microphone input jack
Headphone output	3.5mm stereo jack
Video monitor output	YES. HDMI Out, AV Out
HDMI	YES (Type A, output only)
IEEE 1394 (Firewire)	NO
USB	YES. In/Out.
HD/SD-SDI output	NO
Time code	YES (Superimposed on HDMI Output signal)
Genlock	NO
Synch	NO
Component out	NO
AV terminal	NO
DC input	YES
Remote Control Terminal	2.5mm mini jack
Wireless Control Terminal	NO
Colour Bars	EBU, SMPTE, ARIB

SHOOTING FUNCTIONS	
Exposure	
Exposure metering	In Auto Iris mode: (i) Standard (Centre-weighted metering) (ii) Spotlight (iii) Backlight (compensation)
Exposure compensation	YES. AE Shift function. +/-2, +/-1.5, +/-1.25, +/-1.0, +/-0.75, +/-0.5, +/-0.25, +/-0
Auto Exposure mode	Yes (See Push Auto Iris)
Push Auto Iris	YES. Automatic setting of appropriate exposure. Exposure control adjusted when exposure deviates from the correct setting. AE response changeable via Custom Function menu
Exposure Lock	NO. All functions except start/stop can be locked using the Camera lock function
Auto Gain Control setting	NO
Shutter speed	
Control Modes	Off; Speed; Angle; Clear Scan (CS); Slow Shutter (SLS)
Shutter speed	1/3 to 1/2000 depending on frame rate and Shutter Control Mode
Shutter Angle	11.25º to 360º depending on frame rate
Slow Shutter (SLS)	1/3, 1/4, 1/6, 1/8, 1/12, 1/15, 1/25, 1/30 depending on frame rate
Clear Scan	60i: 59.94 Hz - 250.27 Hz, PF30: 29.97 Hz - 250.27 Hz, 24p/PF24: 23.98 Hz - 250.27 Hz, 50i: 50.00 Hz - 250.78 Hz, PF25: 25.00 Hz - 250.78 Hz
Custom Picture	
Stored Configurations	9, including 3 presets (CINEMA, Wide Dynamic Range (Wide DR) and EOS Std)
Storage Medium	SD/SDHC memory card (all customisation data and metadata), up to 20 Custom Pictures per card
Gamma	9 profiles
White balance	
Auto	YES
Preset	Daylight (5400K), Tungsten (3200K), Kelvin (2000K-15000K, 100K intervals), Set A, Set B
White Balance Shift	YES. -9 to +9 (Daylight and Tungsten only)
Black balance	
Black balance adjustment	YES
Time code	
Countup system	Regen, RecRun, FreeRun, Hold (Drop frame available for some frame rates), NDF only in 24P
Audio	
Recording	16-bit 2ch (48 kHz) linear PCM when 24 MbpsLPCM selected Dolby Digital AC3 when 24/17/7 Mbps selected
Control	Independent limiters and auto/manual settings
Microphone attenuation	YES, for built in microphone (in handle unit) and 3.5mm MIC jack
Microphone level meter	YES

ACCESSORIES	
Supplied	Data Tansfer Application, Handle Unit with microphone, Thumbrest, Grip,Tripod base adaptor plate, Shoulder strap, EVF cap, Battery Charger CG-930, Battery pack BP-955.
Optional	Batteries BP-955, BP-975, Compact Power Adaptor CA-940, Compact Battery Charger CG-940, Tripod Adapter TA-100, Shooting Brace SBR-1000

Battery	
Power Consumption	TBC (NTSC mode), TBC (PAL mode)
Continuous Recording Time	Supplied BP-955: Optional BP-975:

MISCELLANEOUS	
Dimensions	Approx 135 x 170 x 129mm (thumbrest attached); Approx 182 x 170 x 129mm (grip attached); Approx 182 x 281 x 236mm (grip, monitor unit and handle attached) Approx 142 x 281 x 236mm (thumbrest and handle unit
Detachable handle	YES
Weight (camera only)	TBC
Weight (fully equipped)	TBC (grip, monitor unit, handle, hook, BP-955, 2x SD card)
Operating Temperature range	-5ºC to +45ºC, 60% relative humidity

Disclaimers
All specifications are subject to change without notice

1. 320 and 20000 are not 1-stop increments but represent highest and lowest supported ISO values
2. [850] = Lowest ISO sensitivty achieving 800% dynamic range with Canon Log function.

Specifications

EOS C300 – compatible with Canon EF and EF Cinema Lenses
EOS C300 PL – compatible with PL Mount Lenses, including the Canon EF Cinema Lens range

CAMERA		
Image Sensor		
Sensor		Super35mm type CMOS
System		RGB primary colour filter (Beyer array)
Total pixels per sensor		9.84 megapixels
Effective pixels per sensor		8.29 megapixels
Minimum illumination		NTSC Mode 0.3 Lux. [F1.2 lens, 24dB, 29.97p mode, shutter speed 1/30]. PAL Mode 0.25 Lux. [F1.2 lens, 24dB, 25p mode, shutter speed 1/25]
Sensitivity		NTSC: F9. [1920x1080/59.94i, ISO640 (0dB), 2000 Lux, 89.9% reflection]. PAL: F10. [1920x1080/50.00i, ISO640 (0dB), 2000 Lux, 89.9% reflection]
S/N Ratio		NTSC: 54dB (Typical). [1920x1080/29.97P, Canon Log base sensitivity ISO850 (Dynamic range 800%)] PAL: 54dB (Typical). [1920x1080/25.00P, Canon Log base sensitivity ISO850 (Dynamic range 800%)]
Dynamic Range		During normal shooting: 300% With Canon Log Gamma: 800% (ISO 850 or above/gain 2.5 dB or more)
Horizontal Resolution		Up to 1000 TV lines or more (1920 x 1080i mode), depends on lens used
Lens		
Lens mount	C300	Canon EF mount
	C300 PL	PL mount
Focal length	C300	Equivalent to 1.53x the focal length of EF lenses; As indicated for EF-S lenses and Canon cine lenses
	C300 PL	As indicated for Canon Cinema Lenses and other PL mount lenses
Peripheral illumination correction	C300	YES (dependent on lens used)
	C300 PL	No
ND filter		3 glass filters in camera body: 2 stops; 4 stops; 6 stops. Operate via body or wireless control.
Focus control	C300	Via lens, wireless control or wired remote (dependent on lens used)
	C300 PL	Manual via lens
Iris control	C300	Via body, grip, wireless control or wired remote. 1/2-stop, 1/3-stop or FINE control. Possible to maintain constant F-number during zoom
	C300 PL	Manual via lens
Image stabilization system	C300	Depends on lens used
	C300 PL	No
Image Processor		
Type		DIGIC DV III

RECORDING	
Video storage media	Type 1 Compact Flash memory cards (2 card slots)
Type	UDMA4, 30MB/s or faster (40MB/s or faster for Fast/Slow recording)
Recording time	64GB CF card: Up to 160mins (1080/50i @ 50 Mbps)
Recording file format	Material eXchange Format (MXF); OP-1a pattern
Recording format	MPEG-2 Long GOP. 50Mbps CBR (4:2:2) MPEG-2 422@PHL; 35Mbps VBR (4:2:0) MPEG-2 MP@HL; 25Mbps CBR (4:2:0) MPEG-2 MP@H14
Recording frame rate	50Mbps: 1920 x 1080/59.94i, 50i, 29.97p, 25p, 24p, 23.98p; 1280 x 720/59.94p, 50p, 29.97p, 25p, 24p, 23.98p. 35Mbps: 1920 x 1080/59.94i, 50i, 29.97p, 25p, 23.98p; 1280 x 720/59.94p, 50p, 29.97p, 25p, 23.98p. 25Mbps: 1440 x 1080/59.94i, 50i, 29.97p, 25p, 23.98p.
Slow/Fast motion	YES. 720p: 1-60fps in 1fps steps. 1080p: 1-30fps in 1fps steps (available options may differ according to recording mode selected)
Interval Record	YES. 1, 2, 3, 6, 9 or 12 frames, 25 time intervals (available options may differ according to recording mode selected)
Frame Record	YES. 1, 2, 3, 6, 9 or 12 frames (available options may differ according to recording mode selected)
Pre Record (cache record)	YES (3 seconds)
Relay Recording	YES
Double Slot (simultaneous) Recording	YES
Scan Reverse	YES. Up/down, left/right, up/down/left/right image inversion.
Internal Data Transfer	MOVIE: Yes (CF card to CF card)
Photo storage media	SD/SDHC memory card
Still quality	During video recording: 1920 x 1080; During playback: 1920 x 1080, 1280 x 720

SYSTEM	
LCD	
Size	10.1cm (4"), 100% view
Dots	1.23 million
Image quality adjustments	Brightness, contrast, colour, sharpness, backlight, black & white
Adjustable	Up/down/left/right according to camera configuration
Waveform Monitor	Waveform Monitor and Vectorscope
Focus Assist	Peaking; Magnifying; Edge Monitor (using waveform display)
Peaking	Peaking 1, Peaking 2 (Colour, Gain, Frequency customisable for each)
Zebra	Level 1; Level 2; Both. Output via HD-SDI or HDMI
Markers	On/Off (Aspect ratio, Aspect marker, Safety Zone Area, Safety Zone, Grid, Horizontal, Centre)

SYSTEM cont.	
EVF	
Size	1.3cm (0.52")
Dots	1.55 million
Image quality adjustments	Brightness, contrast, colour, sharpness, backlight, black & white
Adjustable	Vertical tilt
Correction lens	+ 2.0 to -5.5 diopters
Inputs/Outputs	
Audio in	XLR inputs with 48V phantom power (x2), 3.5mm microphone input jack
Headphone output	3.5mm stereo jack
Video monitor output	YES (BNC, SD output only via Synch terminal)
HDMI	YES (Type A, output only)
HD/SD-SDI output	YES (BNC, output only, embedded audio and time code)
Time code	YES (BNC, switchable input/output)
Genlock	YES (BNC, input only)
Synch	YES (BNC, output only, 5 modes: HD Sync, HD-Y, SD blackburst, SD composite, Off)
DC input	YES
Remote Control Terminal	2.5mm mini jack
Wireless Control Terminal	YES (optional accessory required for wireless control)
Colour Bars	EBU, SMPTE, ARIB
Misc	
Tally lamp	YES
Accessory shoe	YES (cold shoe, 3 locations: top of body, top of handle, front of handle)
Custom key	YES (15 assignable buttons; select from 30 functions)

SHOOTING FUNCTIONS	
Exposure	
Exposure metering	Manual exposure determined by shutter setting, iris setting, ISO/gain setting and ND filter setting
ISO Sensitivity	1-stop display: 320[1], 400, 800, [850][2], 1600, 3200, 6400, 12800, 20000 1/3rd stop display: 320, 400, 500, 640, 800, [850][2], 1000, 1250, 1600, 2000, 2500, 3200, 4000, 5000, 6400, 8000, 10000, 12800, 16000, 20000[1]
Gain setting	NORMAL: -6dB, -3dB, 0dB, 3dB, 6dB, 9dB, 12dB, 15dB, 18dB, 21dB, 24dB, 30dB; FINE: 0dB to 24dB (0.5dB increments)
Shutter speed	
Control Modes	Off; Speed; Angle; Clear Scan (CS); Slow Shutter (SLS)
Shutter speed	1/3 to 1/2000 depending on frame rate and Shutter Control Mode
Shutter Angle	11.25º to 360º depending on frame rate
Slow Shutter (SLS)	1/3, 1/4, 1/6, 1/8, 1/12, 1/15, 1/25, 1/30 depending on frame rate
Clear Scan	59.94i/p: 59.94 - 250.27Hz; 50i/p: 50 to 250.78Hz; 29.97p: 29.97 - 250.27Hz; 25p: 25 to 250.78Hz; 23.98/24p: 23.98 - 250.27Hz
Custom Picture	
Stored Configurations	9, including 2 presets (CINEMA and EOS Std)
Storage Medium	SD/SDHC memory card (all customisation data and metadata), up to 20 Custom Pictures per card
Gamma	8 profiles
White balance	
Auto	NO
Preset	Daylight (5400K), Tungsten (3200K), Kelvin (2000K-15000K, 100K intervals), Set A, Set B
White Balance Shift	YES. -9 to +9 (Daylight and Tungsten only)
Black balance	
Black balance adjustment	YES
Audio	
Recording	16-bit 2ch (48 kHz) linear PCM
Control	Independent limiters and auto/manual settings
Microphone attenuation	YES
Microphone level meter	YES

MISCELLANEOUS		
Dimensions		Approx 133 x 179 x 177mm (thumbrest attached); Approx 174 x 179 x 177mm (grip attached); Approx 185 x 284 x 301mm (grip, monitor unit and handle attached)
Detachable handle		YES
Weight (camera only)	C300	1430g
	C300 PL	1630g
Weight (fully equipped)	C300	Approx 2700g (grip, monitor unit, handle, BP-955, 2x CF card)
	C300 PL	Approx 2900g (grip, monitor unit, handle, BP-955, 2x CF card)
Operating Temperature range		-5ºC to +45ºC, 60% relative humidity

All data is based on Canon's standard testing methods. This Leaflet and the specifications of the product have been developed prior to the date of product launch.
Specifications are subject to change without notice. ™and ®: All company and/or product names are trademarks and/or registered trademarks of their respective manufacturers in their markets and/or countries.

1. 320 and 20000 are not 1-stop increments but represent highest and lowest supported ISO values
2. [850] = Lowest ISO sensitivity achieving 800% dynamic range with Canon Log function.
3. 50Mbps CBR mode, HD-SDI off, using EVF.

Specifications

EOS C500 – compatible with Canon EF and EF Cinema lenses
EOS C500 PL – compatible with PL Mount lenses, including the Canon EF Cinema Lens range

CAMERA	
Image Sensor	
Sensor	Super35mm type CMOS
System	RGB primary colour filter (Beyer array)
Total pixels per sensor	9.84 megapixels
Effective pixels per sensor	8.85 megapixels
Minimum illumination	NTSC Mode 0.3 Lux. [F1.2 lens, 24 dB, 29.97P mode, shutter speed 1/30]. PAL Mode 0.25 Lux. [F1.2 lens, 24 dB, 25.00P mode, shutter speed 1/25]
Sensitivity	NTSC: F9. [1920x1080/59.94i, ISO640 (0dB), 2000 Lux, 89.9% reflection]. PAL: F10 [1920x1080/50.00i, ISO640 (0dB), 2000 Lux, 89.9% reflection]
S/N Ratio	NTSC: 54dB (Typical). [1920x1080/29.97P, Canon Log base sensitivity ISO850 (Dynamic range 800%)] PAL: 54dB (Typical). [1920x1080/25.00P, Canon Log base sensitivity ISO850 (Dynamic range 800%)]
Dynamic Range	During normal shooting: 300%. With Canon Log Gamma: 800% (ISO 850 or above/gain 2.5 dB or more)
Horizontal Resolution	Up to 1000 TV lines or more (1920 x 1080i mode), depends on lens used.
Lens	
Lens mount	C500 Canon EF mount, C500 PL – PL mount
Focal length	C500 Equivalent to 1.53x the focal length of EF lenses; As indicated for EF-S lenses and Canon cine lenses C500 PL As indicated for Canon Cinema lenses and other PL mount lense
Peripheral illumination correction	C500 YES (dependent on lens used) C500 PL No
ND filter	3 glass filters in camera body: 2 stops; 4 stops; 6 stops. Operate via body or wireless control.
Focus control	C500 Via lens, wireless control or wired remote (dependent on lens used) C500 PL Manual via lens
Iris control	C500 Via body, grip, wireless control or wired remote. 1/2-stop, 1/3-stop or FINE control. Possible to maintain constant F-number during zoom. C500 PL Manual via lens
Image stabilization system	C500 Depends on lens used C500 PL No
Image Processor	
Type	DIGIC DV III

RECORDING	
Video storage media	4K/2K[3]: External recording device required HD: Type 1 Compact Flash memory cards (2 card slots
Type	CF card: UDMA4, 30MB/s or faster (40MB/s or faster for Fast/Slow recording)
Recording time	64GB CF card: Up to 160mins (1080/50i @ 50 Mbps)
Recording file format	4K/2K[3]: Dependent on external recorder HD: Material eXchange Format (MXF); OP-1a pattern
Recording format	4K[3]: RAW/HRAW, 10 bit (4096 x 2160/3840 x 2160, Canon Log only). 2K: RGB 12 bit (2048x1080/1920x1080, 4:4:4, Canon Log only). RGB 10 bit (2048x1080/1920x1080, 4:4:4, Canon Log only). YCC 10 bit (2048x1080/1920x1080, 4:2:2, Canon Log only). HD MPEG-2 Long GOP: 50Mbps CBR (4:2:2) MPEG-2 422@PHL; 35Mbps VBR (4:2:0) MPEG-2 MP@HL; 25Mbps CBR (4:2:0) MPEG-2 MP@H14
Recording frame rate	4K & 2K[3]: 60 Hz (NTSC) mode: 59.94P / 29.97P / 23.98P 50 Hz (PAL) mode: 50.00P / 25.00P. 24.00P mode: 24.00P HD: 50Mbps: 1920 x 1080/59.94i, 50i, 29.97p, 25p, 24.00p, 23.98p; 1280 x 720/59.94p, 50p, 29.97p, 25p, 24.00p, 23.98p. 35Mbps: 1920 x 1080/59.94i, 50i, 29.97p, 25p, 23.98p; 1280 x 720/59.94p, 50p, 29.97p, 25p, 23.98p. 25Mbps: 1440 x 1080/59.94i, 50i, 29.97p, 25p, 23.98p.
Slow/Fast motion	YES (4K/2K[3] dependent on external recorder) 4K[3]: RAW: 1 to 60 fps. HRAW: 1 to 60 fps, 62 to 120fps (in 2-fps increment). 2K[3]: 2K RGB 444: 1 to 60 fps. YCC 422: 1 to 60 fps, 62 to 120fps (in 2-fps increment). HD: 1080p: 1-30fps in 1fps steps 720p: 1-60fps in 1fps steps. (available options may differ according to recording mode selected)
Interval Record	YES. 1, 2, 3, 6, 9 or 12 frames, 25 time intervals (available options may differ according to recording mode selected)
Frame Record	YES. 1, 2, 3, 6, 9 or 12 frames (available options may differ according to recording mode selected)
Pre Record (cache record)	YES (3 seconds)
Relay Recording	YES
Double Slot (simultaneous) Recording	YES
Scan Reverse	YES. Up/down, left/right, up/down/left/right image inversion.
Internal Data Transfer	MOVIE: Yes (CF card to CF card)
Photo storage media	SD/SDHC memory card
Still quality	During video recording: 1920 x 1080; During playback: 1920x1080, 1280 x 720

SYSTEM	
LCD	
Size	10.1 cm (4"), 100% view
Dots	1.23 million
Image quality adjustments	Brightness, contrast, colour, sharpness, backlight, black & white
Adjustable	Up/down/left/right according to camera configuration
Waveform Monitor	Waveform Monitor and Vectorscope
Focus Assist	Peaking; Magnifying; Edge Monitor (using waveform display)
Peaking	Peaking 1, Peaking 2 (Colour, Gain, Frequency customisable for each)
Zebra	Level 1; Level 2; Both. Output via HD-SDI or HDMI
Markers	On/Off (Aspect ratio, Aspect marker, Safety Zone Area, Safety Zone, Grid, Horizontal, Centre)

SYSTEM cont.	
EVF	
Size	1.3cm (0.52")
Dots	1.55 million
Image quality adjustments	Brightness, contrast, colour, sharpness, backlight, black & white
Adjustable	Vertical tilt
Correction lens	+ 2.0 to -5.5 diopters
Inputs/Outputs	
Audio in	XLR inputs with 48V phantom power (x2), 3.5mm microphone input jack
Headphone output	3.5mm stereo jack
Video monitor output	YES (BNC, SD output only via Synch terminal)
HDMI	YES (Type A, output only)
HD/SD-SDI output	YES. 2x 3G-SDI (BNC, output only, embedded audio and time code), 2x 2K Monitor Output (BNC, output only) 1x HD/SD-SDI (BNC, output only, embedded audio and time code)
Time code	YES (BNC, switchable input/output)
Genlock	YES (BNC, input only)
Synch	YES (BNC, output only, 5 modes: HD Sync, HD-Y, SD blackburst, SD composite, Off)
DC input	YES
Remote Control Terminal	2.5mm mini jack
Wireless Control Terminal	YES (optional accessory required for wireless control)
Colour Bars	EBU, SMPTE, ARIB
Misc	
Tally lamp	YES
Accessory shoe	YES (cold shoe, 3 locations: top of body, top of handle, front of handle)
Custom key	YES (15 assignable buttons; select from 30 functions)

SHOOTING FUNCTIONS	
Exposure	
Exposure metering	Manual exposure determined by shutter setting, iris setting, ISO/gain setting and ND filter setting
ISO Sensitivity	1-stop display: 320[1], 400, 800, [850][2], 1600, 3200, 6400, 12800, 20000 1/3rd stop display: 320, 400, 500, 640, 800, [850][2], 1000, 1250, 1600, 2000, 2500, 3200, 4000, 5000, 6400, 8000, 10000, 12800, 16000, 20000[1]
Gain setting	NORMAL: -6dB, -3dB, 0dB, 3dB, 6dB, 9dB, 12dB, 15dB, 18dB, 21dB, 24dB, 30dB; FINE: 0dB to 24dB (0.5dB increments)
Shutter speed	
Control Modes	Off; Speed; Angle; Clear Scan (CS); Slow Shutter (SLS)
Shutter speed	1/3 to 1/2000 depending on frame rate and Shutter Control Mode
Shutter Angle	11.25º to 360º depending on frame rate
Slow Shutter (SLS)	1/3, 1/4, 1/6, 1/8, 1/12, 1/15, 1/25, 1/30 depending on frame rate
Clear Scan	59.94i/p: 59.94 - 250.27Hz; 50i/p: 50 to 250.78Hz; 29.97p: 29.97 - 250.27Hz; 25p: 25 to 250.78Hz; 23.98/24p: 23.98 - 250.27Hz
Custom Picture	
Stored Configurations	9, including 2 presets (CINEMA and EOS Std)
Storage Medium	SD/SDHC memory card (all customisation data and metadata), up to 20 Custom Pictures per card
Gamma	8 profiles
White balance	
Auto	NO
Preset	Daylight (5400K), Tungsten (3200K), Kelvin (2000K-15000K, 100K intervals), Set A, Set B
White Balance Shift	YES. -9 to +9 (Daylight and Tungsten only)
Black balance adjustment	YES
Audio	
Recording	16-bit 2ch (48 kHz) linear PCM
Control	Independent limiters and auto/manual settings
Microphone attenuation	YES
Microphone level meter	YES

MISCELLANEOUS	
Dimensions	TBC
Detachable handle	YES
Weight (camera only)	TBC
Weight (fully equipped)	TBC (monitor unit, handle, BP-955, 2x CF card)
Operating Temperature range	-5ºC to +45ºC, 60% relative humidity

All specifications are subject to change without notice
1. 320 and 20000 are not 1-stop increments but represent highest and lowest supported ISO values
2. [850] = Lowest ISO sensitivity achieving 800% dynamic range with Canon Log function.
3. Internal recording available in Full HD resolution only. External device required for 4K or 2K recording.

Specifications
EOS-1DC – compatible with Canon EF and EF Cinema lenses

IMAGE SENSOR	
Type	36 x 24 mm CMOS
Effective pixels	Approx. 18.10 megapixels
Total pixels	Approx. 19.3 megapixels
Aspect Ratio	Stills: 3.2. Movies: 16:9 (4K, Super 35mm, Full HD, HD) 4:3 (SD)
Low-Pass Filter	Built-in/Fixed with fluorine coating
Sensor Cleaning	EOS integrated cleaning system
Colour Filter Type	Primary Colour

IMAGE PROCESSOR	
Type	Dual "DIGIC 5+"

LENS	
Lens mount	EF including limted support for EF cine zooms (excludes EF-S lenses)
Focal Length	Equivalent to 1.0x the focal length of the lens

IMAGE SENSOR	
Type	TTL-CT-SIR with a dedicated CMOS sensor
AF System / Points	61 Point / 41 f/4 cross-type AF points inc 5 dual cross type at f/2.8 The number of cross-type AF points will differ depending on the lens.
AF working range	EV -2 - 18 (at 23ºC & ISO100)
AF Modes	One Shot, AI Servo
AF Point Selection	Automatic selection: 61 point AF. Manual selection: Single point AF (61, 41 cross type only, 15 or 9 points selectable) Manual selection: Spot AF Manual selection: AF point Expansion 4 points (up, down, left, right) Manual selection: AF point Expansion surrounding 8 points Manual selection: Zone AF. AF points can be selected separately for vertical and horizontal shooting
Selected AF point display	Superimposed in viewfinder
AF lock	Locked when shutter button is pressed half way in One Shot AF mode or AF-ON button is pressed.
AF assist beam	Emitted by optional dedicated Speedlite
Manual Focus	Selected on lens, default in Live View Mode
AF Microadjustment	AF Menu. +/- 20 steps (wide and tele setting for Zooms) Adjust all lenses by same amount. Adjust up to 40 lenses individually. Adjustments remembered for lens by serial number

EXPOSURE CONTROL	
Metering modes	TTL full aperture metering with 252 zone from 100,000-pixel RGB AE sensor. (1) Evaluative metering (linked to all AF point) (2) Partial metering (approx. 6.5% of viewfinder at centre) (3) Spot metering: Center spot metering (approx. 2.5% viewfinder) AF point-linked spot metering. Multi/Spot metering (Max 8 spot metering entries). (4) Center weighted average metering
Metering range	EV 0 - 20 (at 23ºC with 50mm f/1.4 lens ISO100)
AE Lock	Auto: In One-shot AF mode with evaluative metering exposure is locked when focus is achieved. Manual: By AE lock button in P, TV and AV modes.
Exposure Compensation	+/-5 EV in 1/3 or 1/2 stop increments (can be combined with AEB).
AEB	2, 3, 5 or 7 Shots +/-3 EV 1/3 or 1/2 stop increments
ISO Sensitivity	Auto (100-51200), 100-51200 (in 1/3-stop or whole stop increments) (movie 100- 25600) ISO can be expanded to L: 50, H1 102400, H2 204800

SHUTTER	
Type	Electronically-controlled focal-plane shutter
Speed	30-1/8000 sec (1/2 or 1/3 stop increments) + Bulb (Shutter speed range available varies according to shooting mode)

WHITE BALANCE	
Type	Auto white balance with the imaging sensor
Settings	AWB, Daylight, Shade, Cloudy, Tungsten, White Fluorescent light, Flash, Custom, Colour Temperature Setting. White balance compensation: 1. Blue/Amber +/-9 2. Magenta/ Green +/-9.
Custom White Balance	YES, 5 setting can be registered
WB Bracketing	+/-3 levels in single level increments. 3 bracketed images per shutter release. Selectable Blue/Amber bias or Magenta/ Green bias.

VIEWFINDER	
Type	Pentaprism

LCD MONITOR	
Type	8.11cm (3.2") Clear View II TFT, approx. 1040K dots
Coverage	Approx. 100%
Viewing angle (horizonally / vertically)	Approx. 170º
Coating	Anti-reflection and Solid Structure
Brightness Adjustment	Adjustable to one of seven levels
Display options	(1) Quick Control Screen (2) Camera settings (3) Dual Axis Electronic Level

LIVE VIEW MODE	
Type	Electronic viewfinder with image sensor
Coverage	Approx. 100% (horizontally and vertically)
Frame Rate	30 fps
Focusing	Manual Focus (Magnify the image 5x or 10x at any point on screen). Autofocus: Quick mode, Live mode, Live Face detection mode
Metering	Real-time evaluative metering with image sensor Active metering time can be changed
Display options	Grid overlay (x3), Histogram, Aspect ratios

VIDEO FILE TYPE	
Movie Type	MOV Video: 4K - MJPEG, FULL HD/ HD/SD - H.264 Intra frame / inter frame, Uncompressed 8bit 4.2.2 via HDMI. Sound: Linear PCM, recording level can be manually adjusted by user
Movie Size	4096 x 2160 (23.976 fps). 1920 x 1080 (59.94, 50, 29.97, 25, 23.976 fps) intra or inter frame. 1280 x 720 (59.94, 50 fps) intra or inter frame. 640 x 480 (59.94, 50 fps) inter frame
Movie Length	Max duration; capacity of card
Folders	New folders can be manually created and selected
File Numbering	(1) Consecutive numbering. (2) Auto reset (3) Manual reset

OTHER FEATURES	
Custom Functions	31 Custom Functions with 99 settings
Metadata Tag	User copyright information (can be set in camera)
LCD Panel / Illumination	YES / YES
Water / Dust resistance	YES
Sound Memo	Up to 30sec per image - 48Khz or 8Khz
Intelligent Orientation Sensor	YES
Playback zoom	1.5x - 10x, Pixel level magnification
Display formats	(1) Single image with information (2 levels). (2) Single image (3) 4 image index. (4) 9 image index. (5) Magnified view (6) Movie edit
Slide show	Image selection: All images, by Date, by Folder, Movies, Stills, Rating. Playback time: 1/2/3/5/10 or 20 seconds Repeat: On/Off
Histogram	Brightness: Yes. RGB: Yes
Highlight Alert	YES
Image Erase / Protection	Erase: Single image, All images in folder, Checkmarked images, unprotected images. Protection: Erase protection of one image at a time
Menu Categories	(1) Shooting menu (x4). (2) AF Menu (x5). (3) Playback menu (x3). (4) Setup menu (x4). (5) Custom Functions menu (x7) (6) My Menu
Menu Languages	25 Languages. English, German, French, Dutch, Danish, Portuguese, Finnish, Italian, Norwegian, Swedish, Spanish, Greek, Russian, Polish, Czech, Hungarian, Romanian, Ukrainian, Turkish, Arabic, Thai, Simplified Chinese, Traditional Chinese, Korean and Japanese
Firmware update	Update possible by the user.

INTERFACE	
Computer	Hi-Speed USB
Other	Video output (PAL/ NTSC) (integrated with USB terminal), HDMI mini output (HDMI-CEC compatible), Extension system terminal (for WFT-E6/ GP-E1), External microphone (Stereo mini jack), Headphone socket (Stereo mini jack), RJ-45(gigabyte ethernet)

STORAGE	
Type	2x CompactFlash Type I/II (incompatible with Microdrive) (UDMA 7 compatible)

SUPPORTED OPERATING SYSTEM	
PC & Macintosh	Windows XP (SP2/SP3) / Vista inc SP1 (excl. Starter Edition) / 7 (excl. Starter Edition). OS X v10.6-10.7

POWER SOURCE	
Batteries	Rechargeable Li-ion Battery LP-E4N (supplied), 1xCR2025 for date & settings
Battery Life	TBC (at 23ºC) TBC (at 0ºC)
Battery Indicator	6 levels + percentage
Power saving	Power turns off after 1, 2, 4, 8, 15, 30mins or Off.
Power Supply & Battery Chargers	AC Adapter Kit ACK-E4, Battery charger LC-E4n, Car Battery charger cable CG-570 (use with LC-E4)

PHYSICAL SPECIFICATIONS	
Body Materials	Magnesium Alloy body covers
Operating Environment	0 – 45 ºC, 85% or less humidity
Dimensions (WxHxD)	158x 163.6x 82.7mm
Weight (body only)	TBC

ACCESSORIES	
Viewfinder	Eyecup Eg, Eg-series Dioptric Adjustment lens with Rubber Frame Eg, Anti Fog Eyepiece Eg, Focusing Screens Ec, Angle Finder C
Case	–
Wireless File Transmitter	Wireless File Transmitter WFT-E6
Lenses	All EF lenses including limited support for EF Cine zooms (excludes EF-S lenses)
Flash	Canon Speedlites (220EX, 270EX, 270EX II, 320EX, 420EX, 430EX, 430EX II, 550EX, 580EX, 580EX II, 600EX, 600EX-RT, Macro-Ring-Lite, MR-14EX, Macro Twin Lite MT-24EX, Speedlite Transmitter ST-E2, Speedlite Transmitter ST-E3-RT)
Battery Grip	–
Remote Controller / Switch	Remote control with N3 type contact, Wireless Controller LC-5
Other	Hand Strap E2, GP-E1 GPS reciever, GP-E2 GPS reciever

EF Cinema Lens

Canon Top-end zoom lenses

	Mount	Focal Length	Zoom Ratio	Max. Relative Aperture (T-Number)	Iris Blades	Angle Of View 1.78:1 24.6 x 13.8mm	Angle Of View 1.78:1 24.0 x 13.5mm	M.O.D. (from image sensor)	Object Dimensions at M.O.D. 1.78:1 24.6 x 13.8mm	Object Dimensions at M.O.D. 1.78:1 24.0 x 13.5mm	Front Diameter	Approx. Size (W x H x L)	Approx. Mass
CN-E14.5–60mm T2.6 L SP	PL	14.5–60mm	4.1x	1:2.6 at 14.5–60mm	11	79.2° x 49.9° at 14.5mm 22.6° x 12.8° at 60mm	74.2° x 57.8° at 14.5mm 20.7° x 15.2° at 60mm	0.70m/2'4"	65.2 x 36.7cm at 14.5mm 15.0 x 8.4cm at 60mm	66.9 x 37.5cm at 14.5mm 15.4 x 8.6cm at 60mm	Ø136mm	5.35 x 6.42 x 12.52 in./ 136.0 x 163.1 x 318.0mm	9.9 lb./ 4.5kg
CN-E14.5–60mm T2.6 L S	EF											5.35 x 6.42 x 12.83 in./ 136.0 x 163.1 x 326.0mm	
CN-E30–300mm T2.95-3.7 L SP	PL	30–300mm	10x	1:2.95 at 30–240mm/ 1:3.7 at 300mm	11	43.6° x 25.4° at 30mm 4.6° x 2.6° at 300mm	44.6° x 25.9° at 30mm 4.7° x 2.6° at 300mm	1.5m/5'	98.8 x 55.6cm at 30mm 9.6 x 5.4cm at 300mm	101.3 x 56.8cm at 30mm 9.9 x 5.6cm at 300mm	Ø136mm	5.67 x 6.58 x 13.47 in. / 144.0 x 167.1 x 342.1mm	12.79 lb./ 5.8kg
CN-E30–300mm T2.95-3.7 L S	EF											5.67 x 6.58 x 13.78 in./ 144.0 x 167.1 x 350.1mm	

Canon Compact zoom lenses

	Mount	Focal Length	Zoom Ratio	Max. Relative Aperture (T-Number)	Iris Blades	Angle Of View Apect ratio 1.78:1 24.0 x 13.5mm	Angle Of View Apect ratio 1.9:1 26.2 x 13.8mm	M.O.D. (from image sensor)	Object Dimensions at M.O.D. 1.78:1 24.0 x 13.5mm	Object Dimensions at M.O.D. 1.9:1 26.2 x 13.8mm	Front Diameter	Approx. Size (W x H x L)	Approx. Mass
CN-E15.5–47mm T2.8 L SP/S	PL(SP) / EF(S)	15.5–47mm	3.0x	T2.8 at 15.5–47mm	11	75.5° x 47.1° at 15.5mm 28.6° x 16.3° at 47mm	80.4° x 48.0° at 15.5mm 31.1° x 16.7° at 47mm	0.50m/1'8"	43.6 x 24.5cm at 15.5mm 15.4 x 8.1cm at 47mm	47.6 x 25.1cm at 15.5mm 14.1x7.9cm at 47mm	Ø114mm	114 x 125 x 214mm (SP) 114 x 125 x 222mm (S)	2.2kg
CN-E30–105mm T2.8 L SP/S	PL(SP) / EF(S)	30–105mm	3.5x	T2.8 at 30–105mm	11	43.6° x 25.4° at 30mm 13.0° x 7.4° at 105mm	47.2° x 25.9° at 30mm 14.2° x 7.5° at 300mm	0.60m/2'	32.3 x 18.2cm at 30mm 9.3 x 5.2cm at 105mm	35.3 x 18.6cm at 30mm 10.2 x 5.4cm at 105mm	Ø114mm	114 x 125 x 210mm (SP) 114 x 125 x 218mm (S)	2.2kg

Canon Prime lenses

	Mount	Focal Length	Zoom Ratio	Max. Relative Aperture (T-Number)	Iris Blades	Angle Of View 1.5:1 36.0 x 24.0mm	Angle Of View 1.78:1 24.6 x 13.8mm	M.O.D. (from image sensor)	Object Dimensions at M.O.D. 1.5:1 36.0 x 24.0mm	Object Dimensions at M.O.D. 1.78:1 24.6 x 13.8mm	Front Diameter	Approx. Size (W x H x L)	Approx. Mass
CN-E24mm T1.5 L F	EF	24mm	–	1:1.5	11	73.7° x 53.1°	54.3° x 32.1°	0.30m/12"	28.8 x 19.2cm	19.7 x 11.0cm	Ø114mm	4.66 x 4.66 x 4.0 in./ 118.4 x 118.4 x 101.5mm	2.65 lb./ 1.2kg
CN-E50mm T1.3 L F	EF	50mm	–	1:1.3	11	39.6° x 27.0°	27.6° x 15.7°	0.45m/18"	24.9 x 16.6cm	17.0 x 9.5cm	Ø114mm	4.66 x 4.66 x 4.0 in./ 118.4 x 118.4 x 101.5mm	2.43 lb./ 1.1kg
CN-E85mm T1.3 L F	EF	85mm	–	1:1.3	11	23.9° x 16.1°	16.5° x 9.3°	0.95m/3'2"	34.3 x 22.9cm	23.4 x 13.1cm	Ø114mm	4.66 x 4.66 x 4.0 in./ 118.4 x 118.4 x 101.5mm	2.87 lb./ 1.3kg